

IDS - 12/04/2006

PTO/SB/08a (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Not for submission under 37 CFR 1.99)

Application Number	10698008
Filing Date	2003-10-30
First Named Inventor	Yiqing LIANG
Art Unit	2024 2112
Examiner Name	Jose TORRES
Attorney Docket Number	1617880-0010

U.S. PATENTS[Remove](#)

Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
	1					

If you wish to add additional U.S. Patent citation information please click the Add button.

[Add](#)**U.S. PATENT APPLICATION PUBLICATIONS**[Remove](#)

Examiner Initial*	Cite No	Publication Number	Kind Code ¹	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
	1					

If you wish to add additional U.S. Published Application citation information please click the Add button.

[Add](#)**FOREIGN PATENT DOCUMENTS**[Remove](#)

Examiner Initial*	Cite No	Foreign Document Number ³	Country Code ² i	Kind Code ⁴	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear	T ⁵
	1							<input type="checkbox"/>

If you wish to add additional Foreign Patent Document citation information please click the Add button.

[Add](#)**NON-PATENT LITERATURE DOCUMENTS**[Remove](#)

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T ⁵

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	10698008
Filing Date	2003-10-30
First Named Inventor	Yiqing LIANG
Art Unit	2624 2112
Examiner Name	Jose TORRES
Attorney Docket Number	1617880-0010

1	Omig, L.S., "Effects Of Infantile Undernutrition On Adult Sucrose Solution Consumption In The Rat", Physiology & Behavior, vol. 22, 1979, pp. 1025-1028. . Hard Copy not provided by applicant	<input type="checkbox"/>
2	Omig, L.S., "Models Of Infantile Malnutrition In Rats: Effects On Maternal Behavior", Developmental Psychobiology, vol. 13, 1980, pp. 615-620. . Hard Copy not provided by applicant	<input type="checkbox"/>
3	Omig, L.S. et al., "Operation Induced Early Malnutrition: Maternal, Physiological And Behavioral Effects", Physiology & Behavior, vol. 20, 1981, pp. 695-700. . Hard Copy not provided by applicant	<input type="checkbox"/>
4	Omig, L.S., "Effects Of Nutrition And Environment On Brain Biochemistry And Behavior", Developmental Psychobiology, vol. 16, 1983, pp. 129-145. . Hard Copy not provided by applicant	<input type="checkbox"/>
5	Omig, L.S. et al., "Behavioral Effects Of Neonatal Herpes Simplex Type 1 Infection Of Mice", Neurotoxicology and Teratology, vol. 10, 1989, pp. 391-396. . Hard Copy not provided by applicant	<input type="checkbox"/>
6	Segall, M.A. et al., "An Animal Model For The Behavioral Effects Of Interferon", Behavioral Neuroscience, vol. 104, No. 4, 1990, pp. 612-616. . Hard Copy not provided by applicant	<input type="checkbox"/>
7	Segall, M.A. et al., "A Test Of Conditioned Taste Aversion With Mouse Interferon .alpha.", Brain, Behavior And Immunity, vol. 4, 1990, pp. 229-234. . Hard Copy not provided by applicant	<input type="checkbox"/>
8	Omig, L.S. et al., "Prostaglandins Do Not Mediate Interferon .alpha. Effects On Mouse Behavior", Physiology & Behavior, vol. 51, 1992, pp. 349-352. . Hard Copy not provided by applicant	<input type="checkbox"/>
9	Omig, L.S. et al., "Behavioral Effects Of Mouse Interferons .alpha. and .gamma. And Human Interferon .alpha. In Mice", Brain Research, vol. 500, 1992, pp. 277-284. . Hard Copy not provided by applicant	<input type="checkbox"/>
10	Dunn, Andrea L. et al., "Repeated Injections Of Interferon .alpha. A/D In Balb/c Mice: Behavioral Effects", Brain, Behavior, And Immunity, vol. 7, 1993, pp. 404-411. . Hard Copy not provided by applicant	<input type="checkbox"/>
11	Ozer, I. Durak et al., "Relational Graph Matching For Human Detection And Posture Recognition", SPIE, Photonics East 2000, Internet Multimedia Management Systems, Boston, Nov. 2000, (42pgs). . Hard Copy not provided by applicant	<input type="checkbox"/>

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number		10698008
Filing Date		2003-10-30
First Named Inventor	Yiqing LIANG	
Art Unit	2624 2112	
Examiner Name	Jose TORRES	
Attorney Docket Number	1617880-0010	

12	Ozer, I. Durak et al., "A Graph Based Object Description For Information Retrieval In Digital Image And Video Libraries", Proceedings of IEEE Workshop on Content Based Access Of Image & Video Libraries, Colorado, Jun. 1999, (6pgs). Hard Copy not provided by applicant	<input type="checkbox"/>
13	Yu, H. et al., "A Visual Search System For Video And Image Databases", IEEE Multimedia, 1997, (8pgs). Hard Copy not provided by applicant	<input type="checkbox"/>
14	Yu, H. et al., "Hierarchical, Multi-Resolution Algorithms For Dictionary Driven Content Based Image Retrieval", International Conference On Image Processing, 1997, (4pgs). Hard Copy not provided by applicant	<input type="checkbox"/>
15	Wolf, W., "Key Frame Selection By Motion Analysis", Proceedings, ICACSP, IEEE Press, 1996, (4pgs). Hard Copy not provided by applicant	<input type="checkbox"/>
16	Philips, Michael et al., "A Multi-Attribute Shot Segmentation Algorithm For Video Programs", Proceedings, SPIE 2910, 1990, (10pgs). Hard Copy not provided by applicant	<input type="checkbox"/>
17	Yeung, Minerva M. et al., "Video Browsing Using Clustering And Scene Transitions on Compressed Sequences", SPIE Conference on Multimedia Computing And Networking, vol. 2417, 1995, pp. 393-413. Hard Copy not provided by applicant	<input type="checkbox"/>
18	Yu, H. et al., "Scene Classification Methods For Image And Video Databases", SPIE, vol. 2000, 1995, pp. 303-371. Hard Copy not provided by applicant	<input type="checkbox"/>
19	Yeo, D.L. et al., "Theft Resistant Video Browsing Using Filtered Versions Of Compressed Sequences", IEEE Conference On Multimedia Computing And Systems, 1995, (6pgs). Hard Copy not provided by applicant	<input type="checkbox"/>
20	Ozer, I. Durak et al., "Human Activity Detection In MPEG Sequence", Proceedings Of IEEE Workshop On Human Motion, Austin, Dec. 2000, pp. 64-66. Hard Copy not provided by applicant	<input type="checkbox"/>
21	Kobla, Vikrant et al., "Compressed Domain Video Segmentation", CFAR Technical Report CS-TR-3688, University of Maryland, College Park, Oct. 26, 1996, (34pgs). Hard Copy not provided by applicant	<input type="checkbox"/>
22	Kobla, Vikrant et al., "Feature Normalization For Video Indexing And Retrieval", CFAR Technical Report CS-TR-3792, University of Maryland, College Park, Nov. 1996, (10pgs). Hard Copy not provided by applicant	<input type="checkbox"/>

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	10698008
Filing Date	2003-10-30
First Named Inventor	Yiqing LIANG
Art Unit	2624 2112
Examiner Name	Jose TORRES
Attorney Docket Number	1617880-0010

23	Kobla, Vikrant et al., "Archiving, Indexing, And Retrieval Of Video In The Compressed Domain", In Proceedings Of SPIE Conference On Multimedia Storage And Archiving Systems, vol. 2916, Nov. 1998, (12pgs). Hard Copy not provided by applicant	<input type="checkbox"/>
24	Kobla, Vikrant et al., "Compressed Domain Video Indexing Techniques Using DGT And Motion Vector Information In MPEG Video", In Proceedings of SPIE Conference On Storage And Retrieval For Image And Video Databases V, vol. 3622, Feb. 1997, (12pgs). Hard Copy not provided by applicant	<input type="checkbox"/>
25	Kobla, Vikrant et al., "Extraction Of Features For Indexing MPEG Compressed Video", In Proceedings of IEEE First Workshop On Multimedia Signal Processing (MMSP), Jun. 1997, (6pgs). Hard Copy not provided by applicant	<input type="checkbox"/>
26	Kobla, Vikrant et al., "Video Trails: Representing And Visualizing Structure In Video Sequences", In Proceedings Of ACM Multimedia Conference, Nov. 1997, (12pgs). Hard Copy not provided by applicant	<input type="checkbox"/>
27	Kobla, Vikrant et al., "Developing High Level Representations Of Video Clips Using Video Trails", In Proceedings Of SPIE Conference On Storage And Retrieval For Image And Video Databases VI, Jan. 1999, (12pgs). Hard Copy not provided by applicant	<input type="checkbox"/>
28	Kobla, Vikrant et al., "Indexing And Retrieval Of MPEG Compressed Video", Journal of Electronic Imaging, vol. 7(2), Apr. 1998, (9pgs). Hard Copy not provided by applicant	<input type="checkbox"/>
29	Kobla, Vikrant et al., "Special Effect Edit Detection Using Video Trails: A Comparison With Existing Techniques", Proceedings Of SPIE Conference On Storage And Retrieval For Image And Video Databases VII, Jan. 1999, (12pgs). Hard Copy not provided by applicant	<input type="checkbox"/>
30	Dorai, G. et al., "Extracting Motion Annotations From MPEG-2 Compressed Video For HDTV Content Management Applications", IEEE International Conference On Multimedia Computing And Systems, Jun. 1999, (6pgs). Hard Copy not provided by applicant	<input type="checkbox"/>
31	Omig, L.O., "Nutrition And Mental Development", American Journal of Mental Deficiency, vol. 89, No. 5, 1984 pp. 526-532. Hard Copy not provided by applicant	<input type="checkbox"/>
32	Jones, A.P. et al., "Maternal Mediation Of The Effects Of Malnutrition", The Handbook Of Behavioral Teratology, Plenum, 1986, pp. 409-425. Hard Copy not provided by applicant	<input type="checkbox"/>
33	Omig, L.O., "The Use Of Animal Models To Study Effects Of Nutrition On Behavior", Diet And Behavior: A Multidisciplinary Approach, Springer-Verlag, 1986, pp. 73-87. Hard Copy not provided by applicant	<input type="checkbox"/>

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	10698008
Filing Date	2003-10-30
First Named Inventor	Yiqing LIANG
Art Unit	2624 2112
Examiner Name	Jose TORRES
Attorney Docket Number	1617880-0010

34	Omig, L.G., "Behavioral Consequences Of Virus Infection", Psychoneuroimmunology, Second Edition, Academic Press, 1991, pp. 749-768. Hard Copy not provided by applicant	<input type="checkbox"/>
35	Omig, L.G. et al., "Animal Models Of Mental Retardation: An Overview", Mental Retardation And Developmental Disabilities Research Reviews, vol. 2, 1996, pp. 165-167. Hard Copy not provided by applicant	<input type="checkbox"/>
36	IIVG Image Homepage Nov. 25, 1997, Video tracking system for Morris water maze, open field, radial arm maze, etc. Hard Copy not provided by applicant	<input type="checkbox"/>
37	AccuScan on-line catalog, Nov. 19, 1997. Hard Copy not provided by applicant	<input type="checkbox"/>
38	OmniTech Electronics, Inc., Residential Maze Computerized System, 1994. Hard Copy not provided by applicant	<input type="checkbox"/>
39	OmniTech Electronics, Inc., Olympus 1 Meter times 1 Meter Animal Activity Monitor, 1996. Hard Copy not provided by applicant	<input type="checkbox"/>
40	Digiscan Optical Animal Activity Monitoring System, AccuScan Instruments, Inc., 1997. Hard Copy not provided by applicant	<input type="checkbox"/>
41	Digiscan DMicro System, AccuScan Instruments, Inc., 1996. Hard Copy not provided by applicant	<input type="checkbox"/>
42	Tremorscan Monitor Model TQ1001, AccuScan Instruments, Inc., 1997. Hard Copy not provided by applicant	<input type="checkbox"/>
43	"RotoScan" Rotometer High Resolution Rotation Monitoring, AccuScan Instruments, Inc., 1993. Hard Copy not provided by applicant	<input type="checkbox"/>
44	Automated Plus Maze Open/Closed Arm System, AccuScan Instruments, Inc., 1994. Hard Copy not provided by applicant	<input type="checkbox"/>

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT.**
(Not for submission under 37 CFR 1.99)

Application Number		10698008
Filing Date		2003-10-30
First Named Inventor	Yiqing LIANG	
Art Unit	2024 2112	
Examiner Name	Jose TORRES	
Attorney Docket Number	1617880-0010	

45	DigitScan Model OODIOI Optical Animal Activity Monitoring System, AccuScan Instruments, Inc., 1997. Hard Copy not provided by applicant	<input type="checkbox"/>
46	San Diego Instruments Behavioral Testing Systems, Nov. 10, 1997 (40 pages). Hard Copy not provided by applicant	<input type="checkbox"/>
47	Ozer, I.B., et al., "Human Activity Detection in MPEG Sequences," Proceedings of IEEE Workshop on Human Motion, Austin, Texas, Dec. 7-8, 2000. Hard Copy not provided by applicant	<input type="checkbox"/>
48	Fitzgerald, R.E. et al., "Validation of a Photobeam System for Assessment of Motor Activity in Rats," Toxicology, 49 (1988) pp. 433-439. Hard Copy not provided by applicant	<input type="checkbox"/>
49	The Observer, Professional system for collection, analysis and management of observational data, Noldus Information Technology, 1998. Hard Copy not provided by applicant	<input type="checkbox"/>
50	EthoVision, computer vision system for automation of behavioral experiments, Noldus Information Technology, 1997. Hard Copy not provided by applicant	<input type="checkbox"/>

If you wish to add additional non-patent literature document citation information please click the Add button

EXAMINER SIGNATURE

Examiner Signature	/Jose Torres/	Date Considered	12/11/2006
--------------------	---------------	-----------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. ² Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). ³ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁴ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁵ Applicant is to place a check mark here if English language translation is attached.

IDS - 12/04/2006

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number		10698008
	Filing Date		2003-10-30
	First Named Inventor	Yiqing LIANG	
	Art Unit	2624 2112	
	Examiner Name	Jose TORRES	
	Attorney Docket Number	1617880-0010	

U.S. PATENTS							Remove	
Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear		
	1							
If you wish to add additional U.S. Patent citation information please click the Add button.							Add	
U.S. PATENT APPLICATION PUBLICATIONS							Remove	
Examiner Initial*	Cite No	Publication Number	Kind Code ¹	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear		
	1							
If you wish to add additional U.S. Published Application citation information please click the Add button.							Add	
FOREIGN PATENT DOCUMENTS							Remove	
Examiner Initial*	Cite No	Foreign Document Number ³	Country Code ² i	Kind Code ⁴	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear	T ⁵
	1							<input type="checkbox"/>
If you wish to add additional Foreign Patent Document citation information please click the Add button.								Add
NON-PATENT LITERATURE DOCUMENTS								Remove
Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.						T ⁵

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	10698008
Filing Date	2003-10-30
First Named Inventor	Yiqing LIANG
Art Unit	2624 2112
Examiner Name	Jose TORRES
Attorney Docket Number	1617880-0010

1

~~Orino, Linda S. et al., "Automated Analysis of Digitized Videotapes of Mouse Home Cage Behavior", Feb. 17, 2000.~~
Hard Copy not provided by applicant



If you wish to add additional non-patent literature document citation information please click the Add button

Add

EXAMINER SIGNATURE

Examiner Signature	/Jose Torres/	Date Considered	12/11/2006
--------------------	---------------	-----------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. ² Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). ³ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁴ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁵ Applicant is to place a check mark here if English language translation is attached.

IDS - 12/04/2006

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	10698008
Filing Date	2003-10-30
First Named Inventor	Yiqing LIANG
Art Unit	2624 2112
Examiner Name	Jose TORRES
Attorney Docket Number	1617880-0010

U.S. PATENTS[Remove](#)

Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
JMT	1	6088468	B	2000-07-11	Ito et al.	
	2	6704502	B2	2004-03-09	Morofuji	
	3	6650778	B1	2003-11-18	Matsugu et al.	
	4	6212510	B1	2001-04-03	Brand	
	5	3100473		1963-08-13	Kissel	
	6	3304911		1967-02-21	Hakata et al.	
	7	3803571		1974-04-09	Luz	
JMT	8	3974798		1976-08-17	Meetze, Jr.	

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	10698008
Filing Date	2003-10-30
First Named Inventor	Yiqing LIANG
Art Unit	2024 2112
Examiner Name	Jose TORRES
Attorney Docket Number	1617880-0010

JMT	9	4337726		1982-07-06	Czekajewski et al.	
	10	4574734		1986-03-11	Mandalaywala et al.	
	11	5546439		1996-08-13	Hseih	
	12	5596994		1997-01-28	Bro	
	13	5708767		1998-01-13	Yeo et al.	
	14	5816256		1998-10-06	Kissinger et al.	
	15	5821945		1998-10-13	Yeo et al.	
	16	5870138		1999-02-09	Smith et al.	
	17	5581276		1996-12-03	Cipolla et al.	
	18	6061088		2000-05-09	Khosravi et al.	
JMT	19	6072496		2000-06-06	Guenther et al.	

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	10698008
Filing Date	2003-10-30
First Named Inventor	Yiqing LIANG
Art Unit	2024 2112
Examiner Name	Jose TORRES
Attorney Docket Number	1617880-0010

JMT	20	6072903		2000-06-06	Maki et al.	
	21	6144366		2000-11-07	Numazaki et al.	
	22	6242456		2001-06-05	Shuster et al.	
	23	6263088		2001-07-17	Crabtree et al.	
	24	6630148		2003-10-07	Ingham et al.	
	25	6630347		2003-10-07	Huang et al.	
	26	6576237		2003-06-10	Ingham et al.	
	27	6715444		2004-04-06	Yabusaki et al.	
	28	4888703		1989-12-19	Baba et al.	
JMT	29	6311644		2001-11-06	Pugh, Carl S.	

If you wish to add additional U.S. Patent citation information please click the Add button.

Add

U.S.PATENT APPLICATION PUBLICATIONS

Remove

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	10698008
Filing Date	2003-10-30
First Named Inventor	Yiqing LIANG
Art Unit	2024 2112
Examiner Name	Jose TORRES
Attorney Docket Number	1617880-0010

Examiner Initial*	Cite No	Publication Number	Kind Code ¹	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
	1					

If you wish to add additional U.S. Published Application citation information please click the Add button. [Add](#)

FOREIGN PATENT DOCUMENTS

[Remove](#)

Examiner Initial*	Cite No	Foreign Document Number ³	Country Code ²	Kind Code ⁴	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear	T ⁵
JMT	1	09-251441	JP	A	1997-09-22	TOSHIBA CORP	Abstract	<input type="checkbox"/>
	2	63-133061	JP	A	1988-06-04	HITACHI LTD	Abstract	<input type="checkbox"/>
	3	09-073541	JP	A	1997-03-18	HITACHI DENSHI LTD	Abstract	<input type="checkbox"/>
	4	11-259643	JP	A	1999-09-24	MITSUBISHI ELECTRIC INF TECHNOLOG CENTER AMERICA	Abstract	<input type="checkbox"/>
	5	08-240830	JP	A	1996-09-17	CANON INC	Abstract	<input type="checkbox"/>
	6	2000-215319	JP	A	2000-08-04	CANON INC.	Abstract	<input type="checkbox"/>
JMT	7	11-052215	JP	A	1999-02-26	NIKON CORP.	Abstract	<input checked="" type="checkbox"/>

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	10698008
Filing Date	2003-10-30
First Named Inventor	Yiqing LIANG
Art Unit	2024 2112
Examiner Name	Jose TORRES
Attorney Docket Number	1617880-0010

JMT	8	11-296651	JP	A	1999-10-29	CHUO ELECTRIC CO.		<input checked="" type="checkbox"/>
JMT	9	08-063603	JP	A	1996-03-08	OLYMPUS OPTICAL	Abstract	<input checked="" type="checkbox"/>

If you wish to add additional Foreign Patent Document citation information please click the Add button

Add

NON-PATENT LITERATURE DOCUMENTS

Remove

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T5
	1	Philips, Michael et al., "Video Segmentation Techniques For News", SPIE, vol. 2916, 1998, pp. 249-251. Hard Copy not provided by applicant	<input type="checkbox"/>
	2	Wolf, Wayne, "Hidden Markov Model Parsing Of Video Programs", IEEE, 1997, pp. 2009-2011. Hard Copy not provided by applicant	<input type="checkbox"/>
	3	Grisio, Linda C. et al., "Automated Analysis of Digitized Videotapes of Mouse Home Cage Behavior", 2000 Neuroscience Annual Conference, New Orleans, Oct. 2000, (1pg). Hard Copy not provided by applicant	<input type="checkbox"/>
	4	Grisio, Linda C. et al., "Automated Analysis of Digitized Videotapes of Mouse Home Cage Behavior", Symposium of Behavioral Phenotyping of Mouse Mutants, Cologne, Germany, Feb. 47-10, 2000, (1pg). Hard Copy not provided by applicant	<input type="checkbox"/>
	5	Liang, Yiqing et al., "Multiple Motion Detection Using Genetic Algorithms", DARPA Image Understanding Workshop, Monterey, CA, Nov. 1998, (8pgs). Hard Copy not provided by applicant	<input type="checkbox"/>
	6	Liang, Yiqing et al., "A Shot Boundary Detection Algorithm Adapted For Predator Video", Applied Imagery and Pattern Recognition (AIPR) '98, Washington, D.C., Oct. 1998, (0pgs). Hard Copy not provided by applicant	<input type="checkbox"/>
	7	Zeng, H. et al., "Data Mining For Combat Vehicle Classification Using Machine Learning", Applied Imagery and Pattern Recognition (AIPR) '98, Washington, D.C., Oct. 1998, (10pgs). Hard Copy not provided by applicant	<input type="checkbox"/>

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	10698008
Filing Date	2003-10-30
First Named Inventor	Yiqing LIANG
Art Unit	2024 2112
Examiner Name	Jose TORRES
Attorney Docket Number	1617880-0010

8	Liang, Yiqing et al., "A Ground Target Detection System For Digital Video Database", Conference on Visual Information Processing VII, AeroSense '98, Orlando, Florida, Apr. 1998, (6pgs). Hard Copy not provided by applicant	<input type="checkbox"/>
9	Liang, Yiqing et al., "A Practical Video Indexing and Retrieval System", Applied Imagery and Pattern Recognition (AIPR) '97, Washington, D.C., Oct. 1997, (6pgs). Hard Copy not provided by applicant	<input type="checkbox"/>
10	Liang, Yiqing et al., "A Practical Video Database Based on Language and Image Analysis", AAAI Technical Report, CG-97-03, ed., Alex Hauptmann & Michael Witbrock, Intelligent Use And Integration Of Text, Image, Video and Speech, Mar. 1997, (6pgs). Hard Copy not provided by applicant	<input type="checkbox"/>
11	Wolf, Wayne et al., "A Digital Video Library for Classroom Use", International Conference on Digital Library '95, Tokuba, Aug. 1995, (6pgs). Hard Copy not provided by applicant	<input type="checkbox"/>
12	Wolf, Wayne et al., "A Digital Video Library On The World Wide Web", AGM Multimedia '96, Addison Wesley, Publishing Company, Nov. 1996, pp. 433-434. Hard Copy not provided by applicant	<input type="checkbox"/>
13	Liang, Yiqing et al., "Apprenticeship Learning of Domain Models", Seventh Intl. Conference On Software Engineering And Knowledge Engineering, Rockville, Maryland, Jun. 1995, (9pgs). Hard Copy not provided by applicant	<input type="checkbox"/>
14	Liu, Bode et al., "The Princeton Video Library of Politics", Digital Libraries '94, Texas A & M University, Jun. 1994, pp. 245-246. Hard Copy not provided by applicant	<input type="checkbox"/>
15	Palmer, James D. et al., "Classification As An Approach To Requirements Analysis", 1.sup.st ASIS SIG/CR Classification Research Workshop, Toronto, Canada, Nov. 4, 1990, pp. 429-436. Hard Copy not provided by applicant	<input type="checkbox"/>
16	Palmer, James D. et al., "Approaches to Domain Model Construction", Domain Modeling Workshop, 13.sup.th International Conference on Software Engineering, Austin, Texas, Mar. 26, 1991, pp. 130-135. Hard Copy not provided by applicant	<input type="checkbox"/>
17	Schrott, Lisa M. et al., "Sensitivity To Foot Shock In Autoimmune NZB.times NZW F1 Hybrid Mice", Physiology & Behavior, vol. 56, No. 5, 1994, pp. 840-853. Hard Copy not provided by applicant	<input type="checkbox"/>
18	Goussons-Read, Mary E. et al., "Behavioral Assessment Of The Tsc65Dn Mouse, A Model For Down Syndrome: Altered Behavior In The Elevated Plus Maze And Open Field", Behavior Genetics, vol. 26, No. 4, 1996, pp. 7-13. Hard Copy not provided by applicant	<input type="checkbox"/>

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	10698008
Filing Date	2003-10-30
First Named Inventor	Yiqing LIANG
Art Unit	2024 2112
Examiner Name	Jose TORRES
Attorney Docket Number	1617880-0010

19	Gehroff, Lisa M. et al., "Increased Anxiety Behaviors In Autoimmune Mice", Behavioral Neuroscience, vol. 110, No. 3, 1998, pp. 492-502. . Hard Copy not provided by applicant	<input type="checkbox"/>
20	Gehroff, Lisa M. et al., "The Role Of Performance Factors In The Active Avoidance Conditioning Deficit In Autoimmune Mice", Behavioral Neuroscience, vol. 110, No. 3, 1998, pp. 486-491. . Hard Copy not provided by applicant	<input type="checkbox"/>
21	Gehroff, Lisa M. et al., "Anxiety Behavior, Exploratory Behavior, And Activity In NZB .times. NZW F1 Hybrid Mice: Role Of Genotype And Autoimmune Disease Progression", Brain, Behavior And Immunity, vol. 10, 1998, pp. 260-274. . Hard Copy not provided by applicant	<input type="checkbox"/>
22	Gehroff, Lisa M. et al., "Attenuation Of Behavioral Abnormalities In Autoimmune Mice By Chronic Soluble Interferon-gamma Receptor Treatment", Brain, Behavior And Immunity, vol. 12, 1998, pp. 98-106. . Hard Copy not provided by applicant	<input type="checkbox"/>
23	Galko, Doris et al., "Reduced Corticotropin-Releasing Factor And Enhanced Vasopressin Gene Expression In Brains Of Mice With Autoimmunity-Induced Behavioral Dysfunction", Journal Of Neuroimmunology 96, 1999, pp. 88-91. . Hard Copy not provided by applicant	<input type="checkbox"/>
24	Emic, L.S. et al., "Down Syndrome: Neuropsychology And Animal Models", Progress In Infancy Research, vol. 1, 2000, pp. 69-111. . Hard Copy not provided by applicant	<input type="checkbox"/>
25	Cranholm, Ann Charlotte et al., "Loss of Cholinergic Phenotype In Basal Forebrain Coincides With Cognitive Decline In A Mouse Model Of Down's Syndrome", Experimental Neurology, vol. 161, 2000, pp. 647-663. . Hard Copy not provided by applicant	<input type="checkbox"/>
26	Gago, Haruhiko et al., "Genetic Dissection Of Region Associated With Behavioral Abnormalities In Mouse Models For Down Syndrome", Pediatric Research, vol. 48, No. 5, 2000, pp. 606-613. . Hard Copy not provided by applicant	<input type="checkbox"/>
27	Hyde, L.A. et al., "Tc65Dn Mice, A Model For Down Syndrome, Have Deficits In Context Discrimination Learning Suggesting Impaired Hippocampal Function", Behavioral Brain Research, vol. 110, 2001, pp. 53-60. . Hard Copy not provided by applicant	<input type="checkbox"/>
28	Hyde, L.A. et al., "Motor Learning In Tc65Dn Mice, A Model For Down Syndrome", Developmental Psychobiology, vol. 30, 2001, pp. 33-45. . Hard Copy not provided by applicant	<input type="checkbox"/>
29	Nicolson, D.M. et al., "Elevated Plus Maze Behavior, Auditory Startle Response, And Shock Sensitivity In Prediabetic And In Early Stage Autoimmune Disease MRL-<i>lpr</i> Mice", Brain Behavior And Immunity, 2001, pp. 1-16. . Hard Copy not provided by applicant	<input type="checkbox"/>

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	10698008
Filing Date	2003-10-30
First Named Inventor	Yiqing LIANG
Art Unit	2624 2112
Examiner Name	Jose TORRES
Attorney Docket Number	1617880-0010

30	Hyde, L.A. et al., "Age-Related Deficits In Context Discrimination Learning In Ts65Dn Mice That Model Down-Syndrome And Alzheimer's Disease", Behavioral Neuroscience, vol. 145, 2001, pp. 1-6. . Hard Copy not provided by applicant	<input type="checkbox"/>
31	Gmie, L.S., "Effects Of Infantile Undernutrition On Adult Learning In Rats: Methodological And Design Problems", Psychological Bulletin, vol. 69, No. 4, 1970, pp. 715-720. . Hard Copy not provided by applicant	<input type="checkbox"/>
32	Gmie, L.S., "Transgenic And Null Mutant Animals For Psychosomatic Research", Psychosomatic Medicine, vol. 50, 1990, pp. 022-032. . Hard Copy not provided by applicant	<input type="checkbox"/>
33	Dierssen, Mara et al., "Murine Models For Down Syndrome", Physiology And Behavior, vol. 79, 2001, pp. 059-071. . Hard Copy not provided by applicant	<input type="checkbox"/>
34	Cohen, J.J. et al., "Behavior, Stress, And Lymphocyte Recirculation", Stress, Immunity And Aging, 1984, pp. 73-80. . Hard Copy not provided by applicant	<input type="checkbox"/>
35	Gmie, L.S., "Early Experience Effects: Evidence For Continuity?", Continuities And Discontinuities In Development, Plenum Press, New York, 1984, pp. 355-360. . Hard Copy not provided by applicant	<input type="checkbox"/>
36	Gmie, L.S. et al., "Animal Models Of Human Behavior: Their Application To The Study Of Attachment", The Development Of Attachment And Affiliative Systems: Neurobiological And Psychobiological Aspects, Plenum, New York, 1982, pp. 31-42. . Hard Copy not provided by applicant	<input type="checkbox"/>
37	Gmie, L.S., "Animal Models Of Early Malnutrition: A Comment On Bias, Dependability, And Human Importance", Malnutrition And Behavior: Critical Assessment Of Key Issues, 1984, pp. 400-406. . Hard Copy not provided by applicant	<input type="checkbox"/>
38	Kobla, Vikrant et al., "Detection Of Slow Motion Replay Sequences For Identifying Sports Videos", In Proceedings Of IEEE Third Workshop On Multimedia Signal Processing (MMSP), Sep. 1999, (6pgs). . Hard Copy not provided by applicant	<input type="checkbox"/>
39	Dorai, G. et al., "Generating Motion Descriptors From MPEG-2 Compressed HDTV Video For Content-Based Annotation And Retrieval", In Proceedings Of IEEE Third Workshop On Multimedia Signal Processing (MMSP), Sep. 1999, (4pgs). . Hard Copy not provided by applicant	<input type="checkbox"/>
40	Kobla, Vikrant et al., "Identifying Sports Videos Using Replay, Text, And Camera Motion Features", Proceedings Of The SPIE Conference On Storage And Retrieval For Media Databases, vol. 3972, Jan. 2000, (12pgs). . Hard Copy not provided by applicant	<input type="checkbox"/>

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	10698008
Filing Date	2003-10-30
First Named Inventor	Yiqing LIANG
Art Unit	2024 2112
Examiner Name	Jose TORRES
Attorney Docket Number	1617880-0010

41	Liang, Yiqing et al., "Toward An Object And Multiple Modalities Based Indexing And Retrieval Of Video Contents", DARPA's Image Understanding Workshop, Monterey, California, Nov. 1998, (21pgs). Hard Copy not provided by applicant	<input type="checkbox"/>
42	Liang, Yiqing, "A Practical Digital Video Database Based On Language And Image Analysis", International Conference Multimedia Databases On Internet, Seoul, Korea, Oct. 10, 1997, (23pgs). Hard Copy not provided by applicant	<input type="checkbox"/>
43	Yu, Hong Heather et al., "A Visual Search System For Video And Image Databases", In Proceedings, ICME97, IEEE Computer Society Press, 1997, pp. 517-524. Hard Copy not provided by applicant	<input type="checkbox"/>
44	Yu, Hong Heather et al., "Multi-Resolution Video Segmentation Using Wavelet Transformation", In Storage And Retrieval For Image And Video Databases VI, SPIE, vol. 3312, 1998, pp. 170-187. Hard Copy not provided by applicant	<input type="checkbox"/>
45	Yu, Hong Heather et al., "A Hierarchical Multiresolution Video Shot Transition Detection Scheme", Computer Vision And Image Understanding, vol. 75, Jul./Aug. 1999, pp. 190-213. Hard Copy not provided by applicant	<input type="checkbox"/>
46	Li, Yanbing et al., "Semantic Image Retrieval Through Human Subject Segmentation And Characterization", In Storage And Retrieval For Image And Video Databases V, SPIE, vol. 3022, 1997, pp. 340-351. Hard Copy not provided by applicant	<input type="checkbox"/>
47	Yu, Hong Heather et al., "A Multi-Resolution Video Segmentation Scheme For Wipe Transition Identification", In Proceedings IEEE ICASSP, vol. 5, 1998, pp. 2965-2968. Hard Copy not provided by applicant	<input type="checkbox"/>
48	Liang, Yiqing Ph.D., "Video Retrieval Based On Language And Image Analysis", Defense Advanced Research Projects Agency Information Systems Office, May 20, 1999, 35 pgs. Hard Copy not provided by applicant	<input type="checkbox"/>
49	Ornis, L.G., "The Effects Of Chronic Lithium Chloride Administration On Complex Schedule Performance, Activity, And Water Intake In The Albino Rat", Physiological Psychology, vol. 4, 1976, pp. 166-170. Hard Copy not provided by applicant	<input type="checkbox"/>
50	Ornis, L.G., "Maternal Behavior In The Undernourished Rat (Rattus Norvegicus)", Physiology & Behavior, vol. 16, 1976, pp. 677-688. Hard Copy not provided by applicant	<input type="checkbox"/>

If you wish to add additional non-patent literature document citation information please click the Add button

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	10698008
Filing Date	2003-10-30
First Named Inventor	Yiqing LIANG
Art Unit	2624 2112
Examiner Name	Jose TORRES
Attorney Docket Number	1617880-0010

EXAMINER SIGNATURE

Examiner Signature	/Jose Torres/	Date Considered	12/11/2006
--------------------	---------------	-----------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. ² Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). ³ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁴ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁵ Applicant is to place a check mark here if English language translation is attached.